

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, the information given herein is true, that I believe I am the original, first and sole (if only one name is listed below) or an or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN CANCER
DIAGNOSIS AND THERAPY

which is described in:

☐ the attached application or

☐ PCT International Application No. _____ filed _____
☒ the specification in application Serial No. 08/346,455 filed November 28, 1994
(if applicable) and amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56 (a).

I hereby claim foreign priority benefits under Title 35 United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international applications(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

COUNTRY	APPLICATION	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC § 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) or PCT International application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status: patented, pending, abandoned
07/822,043	January 17, 1992	Pending
08/249,182	May 25, 1994	Pending

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

James C. Haight, Reg. No. 25,588; Gloria Richmond, Reg. No. 30,416; Robert Benson, Reg. No. 33,612; Jack Spiegel, Reg. No. 34,477; Laurence J. Hyman, Reg. No. 35,551; Denise C. Bernstein, Reg. No. 35,787; Susan S. Rucker, Reg. No. 35,762; David R. Sadowski, Reg. No. 32,808 and Ann S. Hobbs, Reg. No. 36,830 and Arthur J. Cohn, Reg. No. 37,800 all of the Office of Technology Transfer, National Institutes of Health, BOX OTT, Bethesda, MD 20892.

I further direct that all correspondence concerning this application be directed to:

Patent Branch
Office of Technology Transfer
National Institutes of Health
Box OTT
Bethesda, MD 20892
Telephone: (301) 496-7056
Fax: (301) 402-0220

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of first joint inventor: Mary StrackeInventor's signature: *Mary Stracke* Date: 1/31/95Country of Citizenship: United States of AmericaResidence: 14414 Barkwood Drive, Rockville, Maryland, 20853, U.S.A.Post Office Address: 14414 Barkwood Drive, Rockville, Maryland, 20853, U.S.A.Full Name of second inventor: Lance LiottaInventor's signature: *Lance Liotta* Date: 1-31-95Country of Citizenship: United States of AmericaResidence: 9027 Mistwood Drive, Potomac, Maryland, 20854, U.S.A.Post Office Address: 9027 Mistwood Drive, Potomac, Maryland, 20854, U.S.A.Full Name of third inventor: Elliott SchiffmannInventor's signature: *Elliott Schiffmann* Date: 1/31/95Country of Citizenship: United States of AmericaResidence: 3027 Pickwick Lane, Chevy Chase, Maryland, 20815, U.S.A.Post Office Address: 3027 Pickwick Lane, Chevy Chase, Maryland, 20815, U.S.A.

Full Name of fourth inventor: Jerry Krutzch

Inventor's signature: _____ Date: _____

Country of Citizenship: United States of America

Residence: 9704 De Paul Drive, Bethesda, Maryland, 20817, U.S.A.

Post Office Address: 9704 De Paul Drive, Bethesda, Maryland 20817, U.S.A.

Full Name of first fifth inventor: Jun Murata

Inventor's signature: *Jun Murata* Date: 2/01/95

Country of Citizenship: Japan

Residence: Dept. of Pathogenic Biochemistry, Research Institute of WAKAN-YAKU, Toyama Medical & Pharmaceutical University, 2630 Sugitani, Toyama 930-01, Japan

Post Office Address: Dept. of Pathogenic Biochemistry, Research Institute of WAKAN-YAKU, Toyama Medical & Pharmaceutical University, 2630 Sugitani, Toyama 930-01, Japan

Full Name of fourth inventor: Henry Krutzch

Inventor's signature: Henry Krutzch Date: 1/31/95

Country of Citizenship: United States of America

Residence: 9704 De Paul Drive, Bethesda, Maryland, 20817, U.S.A.

Post Office Address: 9704 De Paul Drive, Bethesda, Maryland 20817, U.S.A.

Full Name of first fifth inventor: Jun Murata

Inventor's signature: _____ Date: _____

Country of Citizenship: Japan

Residence: Dept. of Pathogenic Biochemistry, Research Institute of WAKAN-YAKU, Toyama Medical & Pharmaceutical

University, 2630 Sugitani, Toyama 930-01, Japan

Post Office Address: Dept. of Pathogenic Biochemistry, Research Institute of WAKAN-YAKU, Toyama Medical &

Pharmaceutical University, 2630 Sugitani, Toyama 930-01, Japan

004726585US

#4

PATENT
Attorney Docket No.: E-080-94/0
2026-4149US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Stracke, et al.) Art Unit: 1806
Serial Number: 08/346,455)
Filed: November 28, 1994) Examiner: Loring, S.
)
For: Autotaxin: Motility Stimulating Protein Useful)
in Cancer Diagnosis and Therapy)

Associate Power of Attorney

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

The undersigned attorney of record, pursuant to the provisions of 37 CFR §1.33 and § 1.34 M.P.E.P. §402.2, hereby appoints the following as associate attorneys, with full powers to prosecute this application:

Jerome G. Lee, Reg. No. 16,967; John D. Foley, Reg. No. 16,836; John A. Diaz, Reg. No. 19,550; Thomas P. Dowling, Reg. No. 19,221; Eugene Moroz, Reg. No. 25,237; William S. Feiler, Reg. No. 26,728; Israel Blum, Reg. No. 26,710; Mary Morry, Reg. No. 34,398; Maria C. H. Lin, Reg. No. 29,323; Eugene Rzucidlo, Reg. No. 31,900; John C. Vassil, Reg. No. 19,098; Leslie A. Serunian, Reg. No. 35,353; Kathryn M. Brown, Reg. No. 34,556; Dorothy R. Auth, Reg. No. 36,434 and Richard W. Bork, Reg. No. 36,459;


all of the law firm of MORGAN & FINNEGAN, 345 Park Avenue, New York, NY 10154.

Dated: March 14, 1996

Office of Technology Transfer
National Institutes of Health
6011 Executive Blvd., Ste. 325
Rockville, MD 20852-3804

Phone: (301)496-7056, EXT. 245
Fax: (301)402-0220

Respectfully submitted,



Susan S. Rucker
Attorney for Applicant(s)
Reg. No. 35,762

05483831-011700

ASSIGNMENT

WHEREAS, I, Mary L. Stracke, residing at 14414 Barkwood Drive, Rockville, MD 20853, U.S.A., a citizen of the United States, Lance Liotta, residing at 9027 Mistwood Drive, Potomac, MD 20854, U.S.A., a citizen of the United States, Elliot Schiffmann, residing at 3027 Pickwick Lane, Chevy Chase, MD 20815, U.S.A., a citizen of the United States, Henry Krutzch, residing at 9704 De Paul Drive, Bethesda, MD, 20817, U.S.A., a citizen of the United States, and Jun Murata, residing at Dept. of Pathogenic Biochemistry, Research Institute of WAKAN-YAKU, Toyama Medical & Pharmaceutical University, 2630 Sugitani, Toyama 930-01, Japan, a citizen of Japan and have invented AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN CANCER DIAGNOSIS AND THERAPY

WHEREAS, we are the applicants named in the above-identified application for Letters Patent; and

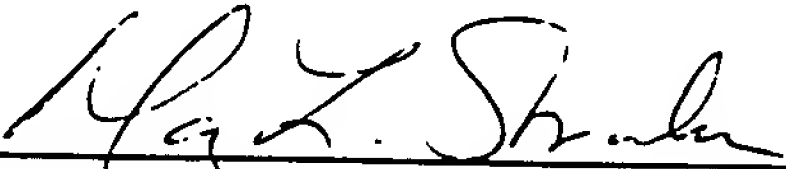
WHEREAS, the conditions under which said invention was made are such as to entitle The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT) under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to THE GOVERNMENT, as represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States of America and within each and every foreign country in which THE GOVERNMENT elects to file and the entire right, title, and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the United States of America and foreign countries, and such Letters Patent as may be granted to be held by THE GOVERNMENT to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

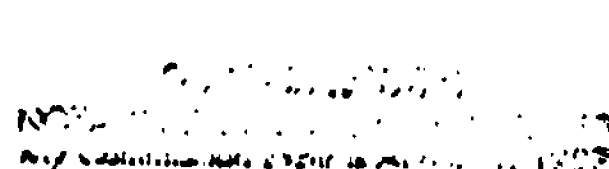
IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:


Mary L. Stracke

Date 1/31/95

County of Montgomery
State of Maryland SS:

Subscribed and sworn to before me this 31st day of Jan, 1995.




Notary Public

Lance Liotta
Lance Liotta

Date 1-31-95

County of Montgomery
State of Maryland SS:

Subscribed and sworn to before me this 31st day of Jan., 1995.

Susan C. LaRoche
Notary Public
NOTARY PUBLIC - MARYLAND
My Commission Expires August 1, 1997

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Elliott Schiffmann
Elliott Schiffmann

Date 1/31/95

County of Montgomery
State of Maryland SS:

Subscribed and sworn to before me this 31st day of Jan., 1995.

Susan C. LaRoche
Notary Public
NOTARY PUBLIC - MARYLAND
My Commission Expires August 1, 1997

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Henry Kutzsch
Henry Kutzsch

Date 1/31/95

County of Montgomery
State of Maryland SS:

Subscribed and sworn to before me this 31st day of Jan., 1995.

Susan C. LaRoche
Notary Public
SUSAN C. LAROCHE
NOTARY PUBLIC - MARYLAND
My Commission Expires August 1, 1997

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Jun Murata
Jun Murata

Date _____

County of _____
State of _____ SS:

Subscribed and sworn to before me this 1st day of February, 1995.

Mitsuru Sasaki

Notary Public

富山医科薬科大学

富山医科薬科大学長 佐々木 博

President, Toyama Medical & Pharmaceutical
University

RECEIVED
FEB 10 95

REL 7324 FRM 803